K011170

SYNTHES®

JUL - 5 2001

3.0 Summary of Safety and Effectiveness Information

SPONSOR:	Synthes (USA) 1690 Russell Road Paoli, PA 19301 (610) 647-9700 Contact: Thomas M. Maguire
DEVICE NAME:	Synthes 2.7 mm LC-DCP, 3.5 mm Profile (Limited Contact - Dynamic Compression Plate).
CLASSIFICATION:	Class II, 21 CFR 888.3030: Single/multiple component bone fixation appliances and accessories.
PREDICATE DEVICE:	Synthes (USA) T-Plate has been commercially available prior to May 28, 1976.
DEVICE DESCRIPTION:	The Synthes 2.7 mm LC-DCP, 3.5 mm Profile (Limited Contact - Dynamic Compression Plate) is 3.3 mm thick and 11.0 mm in width. The plate is available in overall lengths from 55 to 99 mm and has dynamic compression screw holes that accept 2.7 mm Cortex Screws
INTENDED USE:	The Synthes 2.7 mm LC-DCP, 3.5 mm Profile is intended for use in diaphyseal fractures of the humerus.
MATERIAL:	CP4 Titanium

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

JUL - 5 2001

Mr. Thomas Maguire
Project Leader of Regulatory Affairs
Synthes (USA)
P.O. Box 1766
1690 Russell Road
Paoli, Pennsylvania 19301-1222

Re: K011170
Trade/Device Name: Synthes 2.7 MM LC-DCP, 3.5 MM Profile
Regulation Number: 888.3030
Regulatory Class: II
Product Code: HRS
Dated: April 16, 2001
Received: April 17, 2001

Dear Mr. Maguire:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory

action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does

not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

Celia M. Witten, Ph.D., M.D.
Director,
Division of General
Restorative and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

SYNTHES®

2.0 Indications for Use Statement

510(k) Number (if known): K011170

Device Name: Synthes (USA) 2.7 mm LC-DCP, 3.5 mm Profile

Indications/Contraindications:

The Synthes 2.7 mm LC-DCP, 3.5 mm Profile is intended for use in diaphyseal fractures of the humerus.

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use X OR Over-The-Counter Use_
(Per 21 CFR 801.109)

(Division Sign-Off)
Division of General, Restorative
and Neurological Devices

510(k) Number K011170